

Section I:
AMENDMENT UNDER 37 CFR §1.121 to the CLAIMS

Claims 1 - 13 (cancelled)

14. (currently amended) A computer-implemented grid computing control method comprising: receiving by a grid computing control system one or more grid resource self-reports from one or more self-reporting Online Transaction Processing computing resources in a grid computing environment, each self-report having statistics regarding Online Transaction Processing job processing;

~~responsive to said receiving of self-reports, accessing one or more Service Level Agreements;~~

receiving by said grid computing control system one or more job results from a grid resource job results manager system corresponding to jobs completed by said self-reporting Online Transaction Processing computing resources;

~~analyzing~~ performing by said grid computing control system ~~a logical device an analysis of~~ said received job results and said received self-reports against ~~[[said]]~~ client-driven Service Level Agreement performance requirements corresponding to said completed jobs and ~~said analysis comprising~~ determining one or more sub-ratings selected from a group comprising percentage of jobs completed, percentage of jobs completed within specified time constraints, an interactiveness rating, and a cost compliance rating~~[[, and]]~~;

producing and updating a grid resource rating table having said sub-ratings ~~in a human-readable report or in a computer-readable report in a computer memory device, or in both a human-readable report and in a computer-readable report in a computer memory device;~~ said report including a rank-ordered Grid Vendor Rating Table for a plurality of resource vendors according to a weighted analysis of said sub-ratings for each resource vendor;

~~[[.]]~~

selecting by said grid computing control system an available grid resource server in said grid computing environment from a plurality of available grid resource servers

according to said grid resource rating table; and

assigning an Online Transaction Processing job to said selected grid resource server wherein said selection and assignment is performed according to historical performance against client-

driven performance requirements per said grid resource rating table.

Claims 15 - 39 (cancelled)

40. (currently amended) A computer storage memory comprising:

a computer readable storage memory suitable for encoding software; and

one or more computer programs encoded by said computer readable memory and configured to:

receive by a grid computing control system one or more grid resource self-reports from

one or more self-reporting Online Transaction Processing computing resources in

a grid computing environment;

receive by said grid computing control system one or more job results from a grid

resource job results manager system corresponding to jobs completed by said self-

reporting Online Transaction Processing computing resources;

analyze by said grid computing control system said received job results and said received

self-reports against client-driven Service Level Agreement performance

requirements corresponding to said completed jobs and determining one or more

sub-ratings selected from a group comprising percentage of jobs completed,

percentage of jobs completed within specified time constraints, an interactiveness

rating, and a cost compliance rating;

produce and update a grid resource rating table having said sub-ratings according to a

weighted analysis of said sub-ratings for each resource vendor;

select by said grid computing control system an available grid resource server in said grid

computing environment from a plurality of available grid resource servers

according to said grid resource rating table; and

assigning an Online Transaction Processing job to said selected grid resource server

wherein said selection and assignment is performed according to historical

performance against client-driven performance requirements per said grid

resource rating table.

~~receive one or more grid resource self-reports, each self-report having statistics~~

~~regarding Online Transaction Processing job processing;~~

~~responsive to said receiving of self-reports, accessing one or more Service Level~~

~~Agreements;~~

~~receive one or more job results from a grid resource;~~

~~performing by a logical device an analysis of said received job results and said received self-reports against said Service Level Agreement, said analysis comprising determining one or more sub-ratings selected from a group comprising percentage of jobs completed, percentage of jobs completed within specified time constraints, an interactiveness rating, and a cost compliance rating; and~~

~~producing a grid resource rating table having sub-ratings in a human-readable report or in a computer-readable report in a computer memory device, or in both a human-readable report and in a computer-readable report in a computer memory device, said report including a rank-ordered Grid Vendor Rating Table for a plurality of resource vendors according to a weighted analysis of said sub-ratings for each resource vendor.~~

41. (currently amended) A grid computing control system comprising:

- a grid computing control hardware means ~~[[for]]~~ performing a logical process automatically dynamically assigning an Online Transaction Processing job to an available grid resource server based upon historical performance against grid processing job requirements driven by a client;
- a ~~self-report~~ receiver portion of said hardware means receiving ~~configured to receive~~ one or more grid resource self-reports from one or more self-reporting computing resources in a grid computing environment, ~~each self-report having statistics regarding Online Transaction Processing job processing~~;
- a Service Level Agreement accesser portion of said hardware means ~~configured to, responsive to said receiving of self-reports, access~~ accessing one or more Service Level Agreements associated with said client;
- a job results receiver portion of said hardware means ~~configured to receive~~ receiving one or more job results from a grid computing environment job results manager system resource;
- an analyzer portion of said hardware means, responsive to completion of an Online Transaction Processing job by a particular grid resource server, analyzing ~~configured to perform an analysis of said~~ received job results and received self-reports from said particular grid resource server against said accessed Service Level Agreement, including said analysis comprising determining one or more sub-ratings selected from a group comprising percentage of jobs completed, percentage of jobs completed within specified time constraints, an interactiveness rating, and a cost compliance rating; ~~[[and]]~~
- a report producer portion of said hardware means ~~configured to produce~~ producing and updating a grid resource rating table having said sub-ratings ~~in a human-readable report or in a computer-readable report in a computer memory device, or in both a human-readable report and in a computer-readable report in a computer memory device, said report including a rank-ordered Grid Vendor Rating Table for a plurality of resource vendors according to a weighted analysis of said sub-ratings for each resource vendor[[.]]; and~~
- a selector/assigner portion of said hardware means selecting an available grid resource server in said grid computing environment from a plurality of available grid resource servers

according to said grid resource rating table, and assigning an Online Transaction Processing job to said selected grid resource server.

42. (previously presented) The system as set forth in Claim 41 wherein said hardware means comprises a microprocessor.

43. (previously presented) The system as set forth in Claim 41 wherein said hardware means comprises an integrated circuit.